## **OIL ANALYSIS REPORT**

#### 1867 MAN NOT GIVEN VPA059498 - PORT DIESEL ENGINE

Sample No: VPA059498

**Oil Type:** MOBIL DELVAC 1 5W40

#### SAMPLE INFORMATION VPA059498 Sample Number Sample Date 13 Apr 2024 Machine Hours 70 70 **Oil Hours** Oil Changed Not Changd NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 13.3 Base Number (BN) mg KOH/g 6.3 Oxidation (PA) % 170 CONTAMINATION % NEG Water % Soot % 0.2 Nitration (PA) % 69 % Sulfation (PA) 100 NEG Glycol % Fuel % <1.0 Silicon 11 ppm Sodium 0 ppm Potassium **||** <1 ppm WEAR METALS Iron 43 ppm 22 Copper ppm Lead ppm 0 Tin 0 ppm Aluminum ppm 2 Chromium ppm 3 Molybdenum 46 ppm Nickel 2 ppm Titanium ppm 0 🔲 Silver 0 ppm Manganese 0 🔲 ppm Vanadium ppm 0 **ADDITIVES** Calcium 1210 ppm Magnesium 905 ppm Zinc ppm 1344 1088 Phosphorus ppm Barium 0 ppm Boron ppm 75

Unique No: Signed: **Report Date:** Contact/Location: ANDRES GARMENDIA - VPSMAPLA

Depot:

**SMART DIESEL SERVICE** 102 NW 133RD AVE, UNIT 103

PLANTATION, FL US 33325 Contact: ANDRES GARMENDIA smartdieselservice@gmail.com T: (954)258-8100 F:

## Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

VPSMAPLA

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Angela Borella

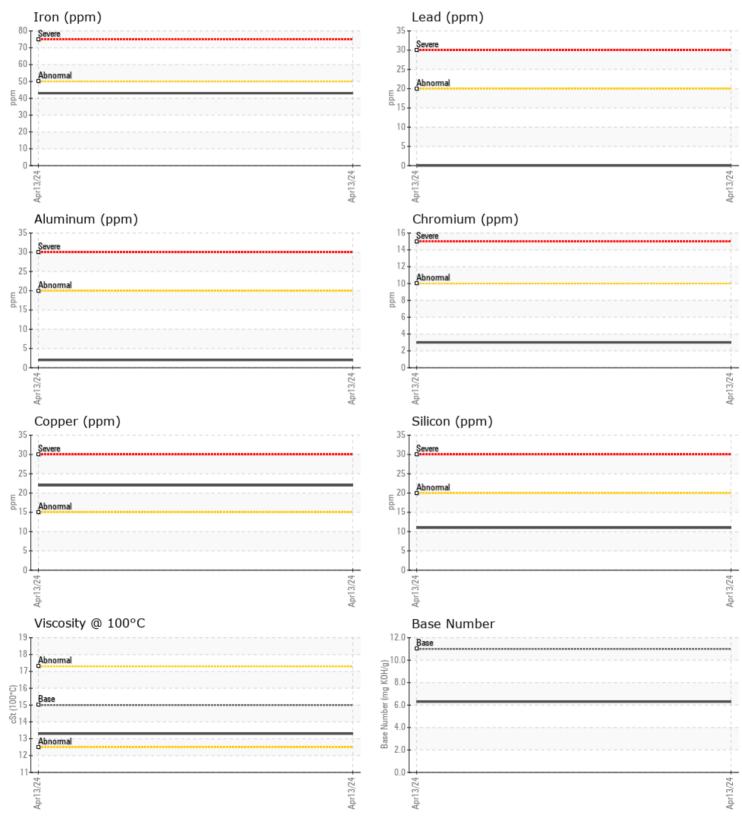
25 Apr 2024



# **OIL ANALYSIS REPORT**



### GRAPHS



Report Id: VPSMAPLA [WUSCAR] 06158674 (Generated: 04/25/2024 15:12:32) Rev: 1

Contact/Location: ANDRES GARMENDIA - VPSMAPLA